

Title (en)

Methods of processing data packets at layer three level in a telecommunication equipment

Title (de)

Verfahren zur Bearbeitung von Datenpaketen auf Schicht Drei in einer Telekommunikationsvorrichtung

Title (fr)

Procédés de traitement de paquets de données au niveau de la couche trois dans un équipement de télécommunication

Publication

EP 1416682 B1 20090729 (EN)

Application

EP 02292719 A 20021031

Priority

EP 02292719 A 20021031

Abstract (en)

[origin: EP1416682A1] The Internet payload packet-termination (IPL-T) functional block validates the incoming Internet protocol (IP) packet and performs optional field management of the packet and then decides the next forwarding layer of the filtered packet. In the outgoing direction, management functions related to redirection, time-to-live (TTL), source address and optional field are performed along with packet fragmentation operation. Independent claims are also included for the following: (1) multiprotocol label switching (MPLS) packets processing method; (2) telecommunication equipment; (3) computer program product with computer program code for processing IP, MPLS packets; and (4) computer readable medium storing computer program for packet processing.

IPC 8 full level

H04L 12/46 (2006.01); **H04L 45/16** (2022.01)

CPC (source: EP US)

H04L 45/16 (2013.01 - EP US); **H04L 69/16** (2013.01 - EP US); **H04L 69/08** (2013.01 - US)

Cited by

JP2008533799A; US7895339B2; WO2006095893A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

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EP 1416682 A1 20040506; **EP 1416682 B1 20090729**; AT E438242 T1 20090815; CN 1312887 C 20070425; CN 1499794 A 20040526; DE 60233145 D1 20090910; US 2004088430 A1 20040506; US 7480292 B2 20090120

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